

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A pharmaceutical composition for preventing or treating peptic ulcer, comprising:

(i) an American ginseng extract in an amount effective for preventing or treating peptic ulcer; and

(ii) a pharmaceutically acceptable carrier;

wherein said American ginseng extract consists essentially of a preparation obtained by a process consisting essentially of extraction with a solvent, centrifugation, and filtration through an ultrafiltration membrane with molecular weight cut off at least 1,000 to give a retentate, and concentration of the retentate, and the retentate contains compounds having molecular weights of between 1,000, and 10,000 dalton.

2. (Canceled)

3. (Original) The pharmaceutical composition according to claim 1, wherein said American ginseng extract is extracted with a solvent having a polarity higher than 0.88.

4. (Withdrawn) The pharmaceutical composition according to claim 3, wherein said American ginseng extract is extracted with 10% - 80% ethanol aqueous solution.

5. (Withdrawn) The pharmaceutical composition according to claim 3, wherein said American ginseng extract is extracted with water.

6. (Canceled)

7. (Withdrawn) The pharmaceutical composition according to claim 1, wherein said American ginseng extract is extracted with water or 10% ~ 80% ethanol aqueous solution, centrifuged, and filtered through an ultrafiltration membrane with molecular weight cut off 1,000 to give a retentate and a filtrate containing substances with molecular weight less than 1,000 dalton, the filtrate being concentrated to dry, added ethanol solution to dissolve said substances, filtered said ethanol solution to obtain a soluble portion, added said soluble portion into said retentate to obtain a mixture, and concentrated said mixture to give the American ginseng extract.

8. (Withdrawn) The pharmaceutical composition according to claim 1, wherein said solvent is water or 10% ~ 80% ethanol aqueous solution, and said ultrafiltration membrane with molecular weight cut off at least 1,000 is a membrane with molecular weight cut off 3,000 to give a retentate containing substances with molecular weight greater than 3,000 dalton, and the retentate being concentrated to give the American ginseng extract.

9. (Withdrawn) The pharmaceutical composition according to claim 8, wherein said American ginseng extract is extracted with water or 10% - 80% ethanol aqueous solution, centrifuged, filtered through an ultrafiltration membrane with molecular weight cut off 3,000 to give a filtrate containing substances with molecular weight less than 3,000 dalton, the filtrate being loaded onto a reverse phase column, eluted with water, followed by ethanol solution and collected the eluate, and then the 95% ethanol is combined with said extract III in claim 8 and concentrated to give extract IV.

10. (Canceled)

11. (Previously presented) The pharmaceutical composition of claim 1, wherein said peptic ulcer is a gastric ulcer or duodenal ulcer.

12. (Withdrawn) A process of preparing an American ginseng extract for preventing and/or treating peptic ulcers, comprising the steps of:

(a) extracting American ginseng with a solvent with a polarity higher than 0.88 to obtain an extract;

(b) filtering said extract to obtain a filtrate; and

(c) centrifuging said filtrate and collecting the supernatant to give the total extract.

13. (Withdrawn) The process according to claim 12, further comprising the step of ultrafiltrating said total extract to give a retentate and a filtrate.

14. (Withdrawn) The process according to claim 13, wherein said ultrafiltrating is a step in which said total extract is filtered by means of an ultrafiltration membrane with molecular weight cut off 1,000 or 3,000 to remove smaller molecules.

15. (Withdrawn) The process according to claim 12, further comprising the step of dialyzing said total extract.

16. (Withdrawn) The process according to claim 15, wherein said dialyzing is a step in which said total extract is dialyzing by means of a dialysis membrane with molecular weight cut off 500 to remove smaller molecules.

17. (Withdrawn) The process according to claim 13, further comprising a precipitating step in which said filtrate is concentrated to dry and then dissolve with 50% - 100% ethanol to obtain the soluble portion.

18. (Withdrawn) The process according to claim 13, further comprising the step of performing reverse phase chromatography of said filtrate.

19. (Withdrawn) The process according to claim 18, wherein said reverse phase chromatography is performing with a reverse phase polyaromatic resin column.

20. (Withdrawn) The process according to claim 12, wherein said American ginseng extract is extracted with 10% - 80% ethanol aqueous solution.

21. (Withdrawn) The process according to claim 12, wherein said American ginseng extract is extracted with water.

22. (Withdrawn) A method for preventing and/or treating a patient suffering from peptic ulcer, comprising administering an effective amount of American ginseng and/or the extracts thereof to said patient.

23. (Previously presented) The pharmaceutical composition of claim 1, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

24. (Previously presented) The pharmaceutical composition of claim 1, wherein said American ginseng extract is extracted with a solvent having a polarity higher than 0.88.

25. (Previously presented) The pharmaceutical composition of claim 24, wherein said American ginseng extract is extracted with 10% ~ 80% ethanol aqueous solution.

26. (Previously presented) The pharmaceutical composition of claim 25, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

27. (Previously presented) The pharmaceutical composition of claim 24, wherein said American ginseng extract is extracted with water.

28. (Previously presented) The pharmaceutical composition of claim 27, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

29. (Previously presented) The pharmaceutical composition of claim 24, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

30. (Previously presented) The pharmaceutical composition of claim 1, wherein said American ginseng extract is extracted with 10% ~ 80% ethanol aqueous solution.

31. (Previously presented) The pharmaceutical composition of claim 30, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

32. (Previously presented) The pharmaceutical composition of claim 1, wherein said American ginseng extract is extracted with water.

33. (Previously presented) The pharmaceutical composition of claim 32, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

34. (Previously presented) The pharmaceutical composition of claim 11, wherein said American ginseng extract is filtered through the ultrafiltration membrane with molecular weight cut off 3,000.

35. (Previously presented) The pharmaceutical composition of claim 11, wherein said American ginseng extract is extracted with a solvent having a polarity higher than 0.88.

36. (Previously presented) The pharmaceutical composition of claim 35, wherein said American ginseng extract is extracted with 10% ~ 80% ethanol aqueous solution.

Applicant : Feng-Nien Ko et al.  
Serial No. : 09/522,434  
Filed : March 9, 2000  
Page : 7 of 9

Attorney's Docket No.: 11544-003001 / 0641-5101US

37. (Previously presented) The pharmaceutical composition of claim 35, wherein said American ginseng extract is extracted with water.